Message

From: Phelps, Lara (she/her/hers) [Phelps.Lara@epa.gov]
Sent: 3/28/2023 8:25:28 PM
To: Hagler, Gayle [Hagler.Gayle@epa.gov]
CC: Vette, Alan [Vette.Alan@epa.gov]; Gullett, Brian [Gullett.Brian@epa.gov]; George, Ingrid [George.Ingrid@epa.gov]; Hays, Michael (he/him/his) [Hays.Michael@epa.gov]; Gilliland, Alice [Gilliland.Alice@epa.gov]
Subject: Re: Potential CEMM data folks for EP air data analysis

Thank you, Gayle. Works fine and agree with Megan's fit here. Glad to know Farnez is moving and hope it goes smoothly.

Lara P. Phelps, Director (she/her/hers)
Office of Research and Development, Center for Environmental Measurement and Modeling, Air Methods and Characterization Division

On Mar 28, 2023, at 4:12 PM, Hagler, Gayle <Hagler.Gayle@epa.gov> wrote:

Hi Lara,

Thanks for the quick reply and thinking about both Carry and Megan for this. Megan's knowledge of near-source air quality analysis and open source programming skills (taking advantage of R packages like openair) would be a great fit here. Maybe we start there and Ingrid/Brian/Megan could help determine if additional technical support is needed, pulling in Carry or anyone else, as we get our arms around the data? For this situation, I think Farnaz may be able to advise on statistical questions / R programming troubleshooting as they come up – she is in the midst of moving, so may not be able to get engaged for a few days.

If this works for you, I can find time to reach out to Megan tomorrow to bring her up to speed.

Best,
Gayle

From: Phelps, Lara (she/her/hers) <Phelps.Lara@epa.gov>
Sent: Tuesday, March 28, 2023 4:03 PM
To: Hagler, Gayle <Hagler.Gayle@epa.gov>; Vette, Alan <Vette.Alan@epa.gov>
Cc: Gullett, Brian <Gullett.Brian@epa.gov>; George, Ingrid <George.Ingrid@epa.gov>; Hays, Michael (he/him/his) <Hays.Michael@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>
Subject: RE: Potential CEMM data folks for EP air data analysis

Hi Gayle –

Mike and I talked about offering Megan or Carry to help, but wondered about the possibility of looping in Farnaz for this relatively quick turn-around, shorter term need too. Megan or Carry would benefit from establishing some interactions with her, which would also be positive. Let us know if one of them would be helpful.

Thanks!
Lara

Lara P. Phelps, Director *(she/her)*
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From: Hagler, Gayle <Hagler.Gayle@epa.gov>
Sent: Tuesday, March 28, 2023 2:13 PM
To: Vette, Alan <Vette.Alan@epa.gov>; Phelps, Lara (she/her/hers) <Phelps.Lara@epa.gov>
Cc: Gullett, Brian <Gullett.Brian@epa.gov>; George, Ingrid <George.Ingrid@epa.gov>; Hays, Michael (he/him/his) <Hays.Michael@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>
Subject: Potential CEMM data folks for EP air data analysis
Importance: High

Hi Alan and Lara,

Ingrid, Brian, and I attended a call today regarding analysis of air monitoring data collected to date in the East Palestine incident.

This dataset would likely include the following, at varying time durations/intervals since the incident began in early February:
1. TAGA mobile monitoring data
2. Canister samples
3. Sorbent tube samples
4. Meteorological data
5. *Possibly* in-home monitoring data

CEMM has the best knowledge base to interpret this data. A key skill set we'd need to add to the team, beyond Ingrid and Brian's expertise, would be data analytics/visualization for what will be a large multi-faceted data set. The anticipated window for this activity – likely to initiate this week and be at a fast pace, with the goal of informing the Region's public messaging about site observations. The types of analyses would likely include spatiotemporal and wind-directional analyses of the combined data set and statistical summarization.

Please let me know by noon tomorrow if you identify any researchers who have capacity / skill to jump into this short intensive activity. I can also ask this of other divisions and Centers, if needed. Starting with your divisions as having air quality + data knowledge is the best fit.

Thanks,
Gayle

Gayle Hagler, Ph.D. (she/her), Associate Director
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U.S. EPA Office of Research and Development
Email: hagler.gayle@epa.gov M [Ex. 6 Personal Privacy (PP)]